

claim 32, with the step of spreading including the step of spreading with a resultant multiple access codes by the equivalent transformation can be used to meet the needs of network configuration, handoff and enhancement of system capacity, in cellular mobile or fixed point to multi points wireless telecommunications system.

60. (new) The method used by the radio system, for generating spread spectrum multiple access codes as set forth in claim 32, with the step of spreading including the step of spreading with a complex code.

61. (new) The method used by the radio system, for generating spread spectrum multiple access codes as set forth in claim 32, further including any of TD/CDMA, FD/CDMA, WD/CDMA, SD/CDMA or CDMA communications system.

62. (new) The method used by the radio system, for generating spread spectrum multiple access codes as set forth in claim 32, with the spreading step forming the zero correlation window about the origin with the size the zero correlation window greater than or equal to  $2N$ .

#### REMARKS

By this amendment the applicant amends claims 1-30, and adds claims 31-62. Claims 1-62 are pending in the application.

The Examiner rejected claims 1-30 under 35 U.S.C. § 101, stating that the claimed invention is directed to non-statutory subject matter. The Examiner states that claimed data structure per se are held non-statutory.

Claims 1-30, as amended, and claims 31-62 are directed a method for generating particular spread spectrum multiple access codes in a radio system. Accordingly, claims 1-62 meet the requirements of 35 U.S.C. § 101.

The Examiner objected to the drawings, stating that the drawings must show every feature of the invention specified in the claims. Attached herewith is new FIG. 4, showing a flow diagram, for generating the spread spectrum multiple access codes. The drawings are based on the technical discussion in the application, and the claims. Accordingly, no new matter is added.

The Examiner raised a provisional double patenting rejection. Attached herewith is a Terminal Disclaimer, complying with 37 C.F.R. § 3.373(b). The SMALL ENTITY fee of \$55.00 for the Terminal Disclaimer is enclosed herewith.

Based on this Amendment, the claims are in condition for allowance. Applicant solicits allowance of the claims.

Enclosed herewith is an Petition for Extension of Time, for one month.

Applicant is a **SMALL ENTITY**.

Fees for the additional claims are as follows:

34 new, additional claims, at \$9.00 each	\$306.00
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A check is enclosed for \$361.00 for SMALL ENTITY fees, for the Terminal Disclaimer and additional claims. If any additional fees are due with this Amendment, please charge the deficiency to our Deposit Account No. 14-0783. If the fee referred to above is found to be in excess for any reason, please credit the excess to our Deposit Account No. 14-0783.

Respectfully submitted,

DAVID NEWMAN CHARTERED

By: 

Date: October 12, 2004

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FIG. 4 shows a flow chart for implementing the present invention.

FIG. 4 shows a flow chart for the present invention. In FIG. 4, a pair of orthogonal complementary code groups (C1, S1), (C2, S2) are selected. Each code within the orthogonal complementary code groups has a are spread. The resulting spread-spectrum signal is sent over a communications channel. At a receiver, as shown in FIG. 4, the received spread-spectrum signals are despread.